

Excellence Needs No Recognition  
But Recognition Comes Only When You are Excellent



*Complete Solution of  
Plumbing, Drainage &  
Water Management  
Under One Roof..*

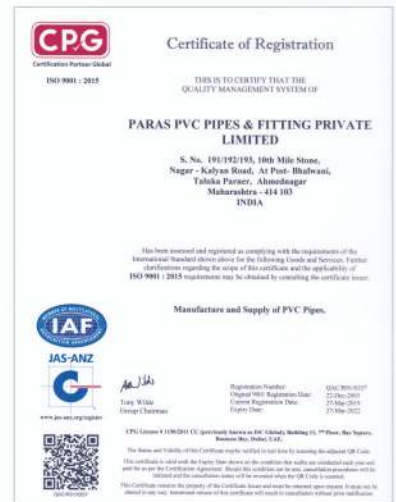
**PARAS**<sup>®</sup>  
A Touch of Excellence

# About **PARAS GROUP**

A dynamic, professional & progressive group established in 1967 & having a legacy of more than 52 years. The group believes in empowering & delegating to scale new heights. It has a presence throughout India with a strong, dedicated & loyal chain of distributors & dealers. It is managed by a team rich with 3 generations - experienced as well as flexible & open to modern technology & management skills.

We believe in offering solutions under one roof with continued focus on customer & proactive initiatives. We believe in long term healthy & mutually beneficial association with all business associates and a open, transparent & conducive working environment for all.

Expansion, Diversification, Upgradation is an ongoing process focused at optimum utilisation of resources, generating & conserving power and striving to be the first choice to the customers.



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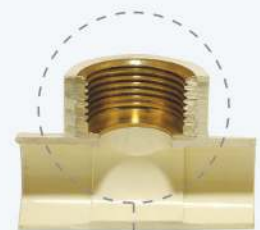
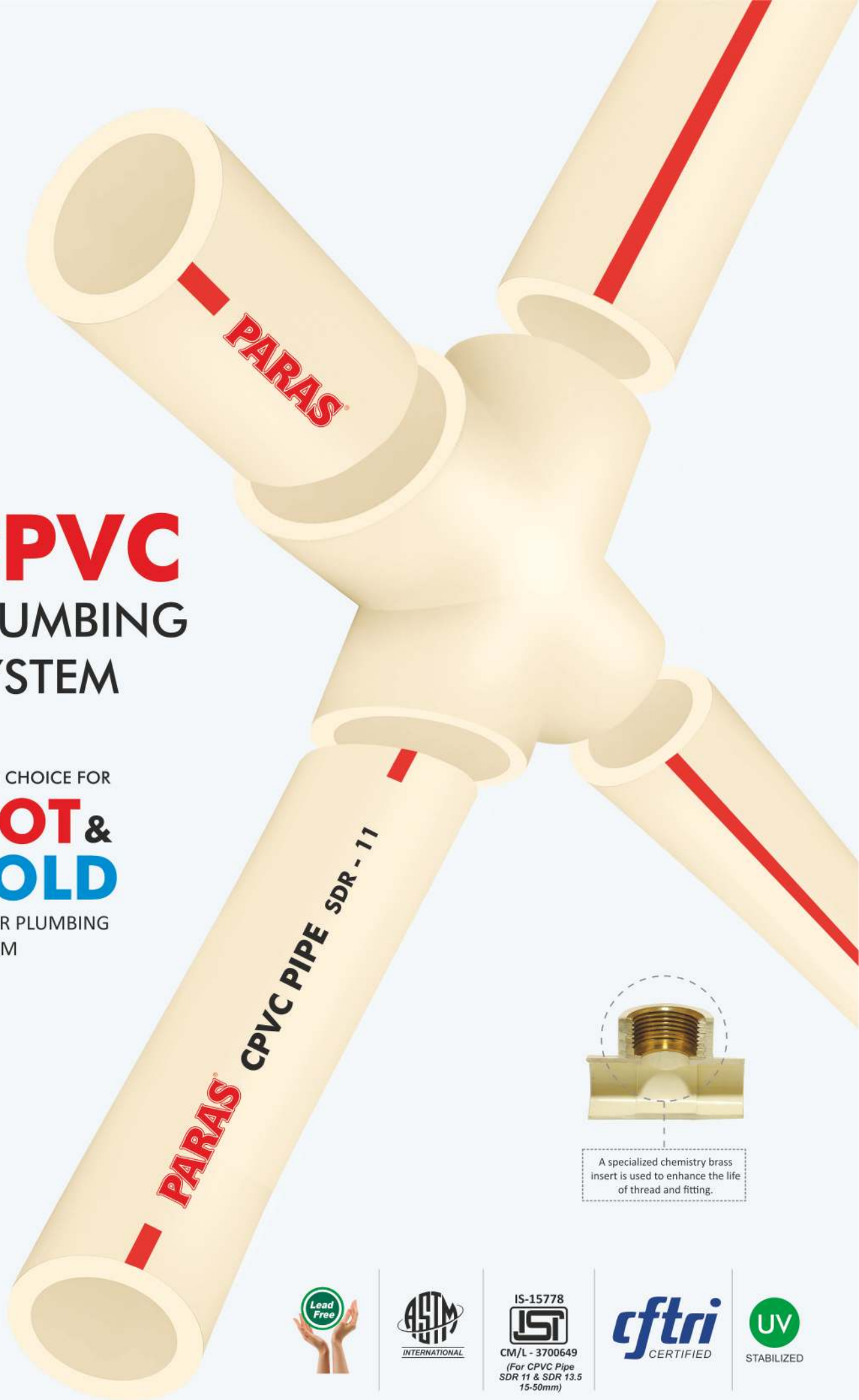
# CPVC

## PLUMBING SYSTEM

RIGHT CHOICE FOR

**HOT &  
COLD**

WATER PLUMBING  
SYSTEM



A specialized chemistry brass insert is used to enhance the life of thread and fitting.



IS-15778  
  
CM/L - 3700649  
(For CPVC Pipe  
SDR 11 & SDR 13.5  
15-50mm)

**cftri**  
CERTIFIED

**UV**  
STABILIZED

# PERFORMANCE BENEFITS



## Tests Methods for Quality Control



### TEST PROCEDURE FOR THE PIPE :

- **Dimensional Test :**  
To ensure that all dimensions confirm to appropriate standards.
- **Flattening Test :**  
Sample pipes are compressed to check that despite compression, pipes do not crack.
- **Burst Pressure Test :**  
Ensure maximum internal pressure to be over three times normal pressure rating for the pipes
- **Drop Impact Test :**  
Ensures rated weights are dropped on to the pipes, without cracks or failures.
- **Heat Reversion Test :**  
Ensures permitted residual stresses are only left in pipes after the pipe is produced.

### TEST PROCEDURE FOR THE FITTINGS :

- **Dimensional Test :**  
Ensures Correctness of dimensions for wall thickness, socket diameters and sockets depths as per relevant standards.
- **Burst Pressure Test :**  
Ensures maximum burst pressure of fitting must be over three times the normal pressure rating.

### AREAS OF APPLICATIONS :

- Residential Apartments
- Villas and Individual Homes
- Office Complexes
- Hotels
- Hospitals

#### DIMENSIONS AND WATER PRESSURE RATING AT 23°C & 82°C FOR CPVC PIPES AS PER IS : 15778

Nominal Size (inch) (mm)	Outside Diameter (mm)	SDR 11				SDR 13.5					
		Wall Thickness (mm)	Pressure Rating, PSI (kg/cm <sup>2</sup> )				Wall Thickness (mm)	Pressure Rating, PSI (kg/cm <sup>2</sup> )			
			73.4°F (23°C)	180°F (82°C)	73.4°F (23°C)	180°F (82°C)					
½ (15)	15.9 ± 0.08	1.73 ± 0.51	400 (28.1)	100 (7.0)	1.40 ± 0.51	320 (22.5)	80 (5.6)				
¾ (20)	22.2 ± 0.08	2.03 ± 0.51	400 (28.1)	100 (7.0)	1.65 ± 0.51	320 (22.5)	80 (5.6)				
1 (25)	28.6 ± 0.08	2.59 ± 0.51	400 (28.1)	100 (7.0)	2.12 ± 0.51	320 (22.5)	80 (5.6)				
1¼ (32)	34.9 ± 0.08	3.18 ± 0.51	400 (28.1)	100 (7.0)	2.59 ± 0.51	320 (22.5)	80 (5.6)				
1½ (40)	41.3 ± 0.10	3.76 ± 0.51	400 (28.1)	100 (7.0)	3.06 ± 0.51	320 (22.5)	80 (5.6)				
2 (50)	54.0 ± 0.10	4.90 ± 0.58	400 (28.1)	100 (7.0)	4.00 ± 0.58	320 (22.5)	80 (5.6)				

\* For ½" wall thickness minimum is not a function of SDR.

#### DIMENSIONS AND WATER PRESSURE RATING AT 23°C & 82°C FOR CPVC PIPES AS PER ASTM F 441

Nominal Size (inch) (mm)	Outside Diameter (mm)	SCH. 40				SCH. 80					
		Wall Thickness (mm)	Pressure Rating, PSI (kg/cm <sup>2</sup> )				Wall Thickness (mm)	Pressure Rating, PSI (kg/cm <sup>2</sup> )			
			73.4°F (23°C)	180°F (82°C)	73.4°F (23°C)	180°F (82°C)					
2½ (65)	73.0 ± 0.18	5.16 + 0.61	300 (20.0)	75 (5.17)	7.01 + 0.84	420 (29.0)	105 (7.24)				
3 (80)	88.9 ± 0.20	5.49 + 0.66	260 (17.9)	65 (4.48)	7.62 + 0.91	370 (25.5)	90 (6.20)				
4 (100)	114.3 ± 0.23	6.02 + 0.71	220 (15.2)	55 (3.79)	8.56 + 1.02	320 (22.1)	80 (5.51)				

#### Consumption of Solvent Cement

Pipe size (inch)	½	¾	1	1¼	1½	2	3	4
No. of Fitting Joints per Litre	1200	750	500	450	325	225	50	40



**CPVC Pipe - SDR - 11 Class 1 (3m & 5m) - HSN CODE - 3917**

Size (inch)	Size (mm)	Std. Pkg.
1/2	15	50
3/4	20	50
1	25	25
1 1/4	32	20
1 1/2	40	10
2	50	10

**CPVC Pipe - SDR - 13.5 Class 2 (3m & 5m) - HSN CODE - 3917**

Size (inch)	Size (mm)	Std. Pkg.
1/2	15	50
3/4	20	50
1	25	25
1 1/4	32	20
1 1/2	40	10
2	50	10

**CPVC FITTINGS - HSN CODE - 3917**

**ELBOW**



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	300
3/4	20	300
1	25	125
1 1/4	32	75
1 1/2	40	40
2	50	20

**FTA PLASTIC THREADED**



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	300
3/4	20	325
1	25	175
1 1/4	32	100
1 1/2	40	50
2	50	30

**TEE**



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	250
3/4	20	200
1	25	100
1 1/4	32	50
1 1/2	40	30
2	50	15

**REDUCING FTA PLASTIC THREADED**

3/4 x 1/2	20x15	400
1 x 1/2	25x15	300

**COUPLER**



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	400
3/4	20	400
1	25	200
1 1/4	32	125
1 1/2	40	100
2	50	36

**UNION**



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	150
3/4	20	100
1	25	75
1 1/4	32	60
1 1/2	40	40
2	50	18

**MTA PLASTIC THREADED**



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	350
3/4	20	400
1	25	225
1 1/4	32	125
1 1/2	40	75
2	50	48

**BEND 45°**



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	350
3/4	20	200
1	25	175
1 1/4	32	50
1 1/2	40	50
2	50	24

**REDUCING MTA PLASTIC THREADED**

3/4 x 1/2	20x15	400
1 x 1/2	25x15	300

**END CAP**



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	750
3/4	20	350
1	25	200
1 1/4	32	200
1 1/2	40	125
2	50	50

## CPVC FITTINGS - HSN CODE - 3917

### TRANSITION BUSH



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	400
3/4	20	350
1	25	200
1 1/4	32	125
1 1/2	40	125
1 X 3/4	25x20	200

### BALL VALVE



1/2	15	56
3/4	20	60
1	25	35
1 1/4	32	12
1 1/2	40	08
2	50	05

### CROSS TEE



1/2	15	150
3/4	20	75
1	25	75

### TANK CONNECTOR



1/2	15	75
3/4	20	40
1	25	30
1 1/4	32	40
1 1/2	40	30
2	50	20

### TANK CONNECTOR SOCKET TYPE



1/2	15	125
3/4	20	40
1	25	40
1 1/4	32	40
1 1/2	40	30
2	50	20

### BEND FABRICATED (SOCKET TYPE)



1/2	15	50
3/4	20	50
1	25	50
1 1/4	32	15
1 1/2	40	15

### STEP OVER BEND



1/2 (FAB.)	15	50
3/4	20	70
1	25	30
1 1/4 (FAB.)	32	20
1 1/2 (FAB.)	40	15

### CIRCUIT TESTING PLUG



1/2	15	200
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### REDUCER



Size (inch)	Size (mm)	Std. Pkg.
3/4 X 1/2	20x15	250
1 X 1/2	25x15	350
1 X 3/4	25x20	300
1 1/4 X 1/2	32x15	200
1 1/4 X 3/4	32x20	175
1 1/4 X 1	32x25	150
1 1/2 X 1/2	40x15	125
1 1/2 X 3/4	40x20	125
1 1/2 X 1	40x25	100
1 1/2 X 1 1/4	40x32	75
2 X 1/2	50x15	60
2 X 3/4	50x20	60
2 X 1	50x25	50
2 X 1 1/4	50x32	40
2 X 1 1/2	50x40	60

### REDUCING BUSH



3/4 X 1/2	20x15	300
1 X 1/2	25x15	300
1 X 3/4	25x20	300
1 1/4 X 1/2	32x15	125
1 1/4 X 3/4	32x20	300
1 1/4 X 1	32x25	250
1 1/2 X 1/2	40x15	175
1 1/2 X 3/4	40x20	175
1 1/2 X 1	40x25	175
1 1/2 X 1 1/4	40x32	175
2 X 1/2	50x15	75
2 X 3/4	50x20	75
2 X 1	50x25	75
2 X 1 1/4	50x32	75
2 X 1 1/2	50x40	75

### REDUCING TEE



3/4 X 1/2	20x15	200
1 X 1/2	25x15	125
1 X 3/4	25x20	125
1 1/4 X 3/4	32x20	60
1 1/4 X 1	32x25	50
1 1/2 X 3/4	40x20	40
1 1/2 X 1	40x25	30
2 X 3/4	50x20	24
2 X 1	50x25	30
2 X 1 1/2	50x40	18

### NON RETURN VALVE



3/4	20	25
1	25	24

\* Warranty applicable only if PARAS CPVC Pipes & Fittings is used with PARAS Solvent for Jointing.



Fire Retardant



Lowest Bacterial Growth

## CPVC FITTINGS - HSN CODE - 3917

### PIPE CLIP PLASTIC



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	-
3/4	20	450
1	25	400
1 1/4	32	300
1 1/2	40	200
2	50	150

### PIPE CLIP METAL

1/2	15	200
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### 3 In 1 MIXER ADAPTOR 7" (HOT SIDE - COLD DOWN)



Size (inch)	Size (mm)	Std. Pkg.
3/4 X 1/2	20X15	8

### BRASS ELBOW



1/2 X 1/2	15x15	150
3/4 X 3/4	20x20	75
1x1	25x25	40
3/4 X 1/2	20x15	100
1 X 1/2	25x15	50
1 X 3/4	25x20	50

### 3 In 1 MIXER ADAPTOR 6" (ALL TOP)



3/4 X 1/2	20X15	8
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### 3 In 1 MIXER ADAPTOR 6" (TOP-BOTTOM)



3/4 X 1/2	20X15	8
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### 3 In 1 MIXER ADAPTOR 6" (TOP & SIDE)



3/4 X 1/2	20X15	8
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### 3 In 1 MIXER ADAPTOR 6" (HOT TOP - COLD DOWN)



3/4 X 1/2	20X15	8
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### 3 In 1 MIXER ADAPTOR 6" (HOT SIDE - COLD DOWN)



3/4 X 1/2	20X15	8
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### 3 In 1 MIXER ADAPTOR 7" (ALL TOP)



3/4 X 1/2	20X15	8
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### 3 In 1 MIXER ADAPTOR 7" (TOP-BOTTOM)



3/4 X 1/2	20X15	8
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### 3 In 1 MIXER ADAPTOR 7" (TOP & SIDE)



3/4 X 1/2	20X15	8
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### 3 In 1 MIXER ADAPTOR 7" (HOT TOP - COLD DOWN)



3/4 X 1/2	20X15	8
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### BRASS TEE



1/2 X 1/2 X 1/2	15x15x15	100
3/4 X 3/4 X 3/4	20x20x20	50
1x1x1	25x25x25	30
3/4 X 3/4 X 1/2	20x20x15	75
1 X 1 X 1/2	25x25x15	50
1 X 1 X 3/4	25x25x20	40

### BRASS MTA



1/2	15	100
3/4	20	100
1	25	30
1 1/4	32	24
1 1/2	40	20
2	50	10

### REDUCING BRASS MTA



3/4 X 1/2	20x15	100
1 X 1/2	25x15	100
1 X 3/4	25x20	100

### BRASS FTA



1/2	15	100
3/4	20	100
1	25	30
1 1/4	32	24
1 1/2	40	20
2	50	10

### REDUCING BRASS FTA



3/4 X 1/2	20x15	125
1 X 1/2	25x15	100
1 X 3/4	25x20	100

### ELBOW HOLDER





3/4 X 1/2	20x15	100
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## CPVC FITTINGS - HSN CODE - 3917

CPVC Pipe in Sch 40 and 80 as per ASTM F 441 & Fittings in Sch. 80 as per ASTM F 439

CPVC PIPE - SCH. 40 (3m & 5m)			
Size (inch)	Size (mm)	Std. Pkg.	
2½	65	5	
3	80	3	
4	100	3	

CPVC PIPE - SCH. 80 (3m & 5m)			
Size (inch)	Size (mm)	Std. Pkg.	
2½	65	5	
3	80	3	
4	100	3	

## CPVC FITTINGS - HSN CODE - 3917

COUPLER			
Size (inch)	Size (mm)	Std. Pkg.	
2½	65	18	
3	80	12	
4	100	8	


ELBOW			
Size (inch)	Size (mm)	Std. Pkg.	
2½	65	12	
3	80	6	
4	100	4	


TEE			
Size (inch)	Size (mm)	Std. Pkg.	
2½	65	6	
3	80	4	
4	100	2	

END CAP			
Size (inch)	Size (mm)	Std. Pkg.	
2½	65	36	
3	80	-	
4	100	--	

REDUCING BUSH			
Size (inch)	Size (mm)	Std. Pkg.	
3x2	80x50	24	
3x2½	80x65	24	
4x2	100x50	12	
4x2½	100x65	12	
4x3	100x80	12	

MTA PLASTIC THREADED			
Size (inch)	Size (mm)	Std. Pkg.	
2½	65	18	
3	80	18	
4	100	8	

FTA PLASTIC THREADED			
Size (inch)	Size (mm)	Std. Pkg.	
2½	65	18	
3	80	12	
4	100	8	

UNION			
Size (inch)	Size (mm)	Std. Pkg.	
2½	65	6	
3	80	4	

CPVC SOLVENT CEMENT - HSN CODE - 3506		
CPVC SOLVENT CEMENT (TIN & TUBE)		
Size (ml)	Std. Pkg.	
20ml (Tube)	100	
50ml (Tube)	50	
59ml (Tin)	30	
120ml (Tin)	24	
240ml (Tin)	24	

CPVC SOLVENT CEMENT HEAVY DUTY		
Size	Std. Pkg.	
240ml - 8 oz	24	
480ml - 16 oz	12	
960ml - 32 oz	06	

## COMPLIMENTARY SECTION

P.T.F.E THREAD SEALANT TAPE - HSN CODE - 3920		
P.T.F.E. Thread Sealant Tape		
Size (m)	Std. Pkg.	
½ X 10m	250	
½ X 15m	250	

Consealed Cock (Quarter Turn)		
Size (inch)	Std. Pkg.	
¾	12	

Consealed Cock (Half Turn)		
Size (inch)	Std. Pkg.	
1"	12	

Consealed Cock (Full Turn)		
Size (inch)	Std. Pkg.	
¾	12	

Collapsible Waste Pipe		
Size	Std. Pkg.	
32mm (1½ Inlet)	100	

Connection Tube		
Size	Std. Pkg.	
1½ Feet (460mm)	75	
2 Feet (600mm)	75	
3 Feet (915mm)	75	

Braided Connection Tube		
Size	Std. Pkg.	
1½ Feet (460mm)	75	
2 Feet (600mm)	75	
3 Feet (915mm)	75	

# uPVC

## PLUMBING SYSTEM

ULTIMATE PLUMBING  
SOLUTION FOR

# COLD

WATER



A specialized chemistry brass insert is used to enhance the life of thread and fitting.



# PERFORMANCE BENEFITS



## Tests Methods for Quality Control

### TEST PROCEDURE FOR THE PIPE :

- **Dimensional Test :**  
To ensure that all dimensions confirm to appropriate standards.
- **Flattening Test :**  
Sample pipes are compressed to check that despite compression, pipes do not crack.
- **Burst Pressure Test :**  
Ensure maximum internal pressure to be over three times normal pressure rating for the pipes
- **Drop Impact Test :**  
Ensures rated weights are dropped on to the pipes, without cracks or failures.
- **Heat Reversion Test :**  
Ensures permitted residual stresses are only left in pipes after the pipe is produced.

### TEST PROCEDURE FOR THE FITTINGS :

- **Dimensional Test :**  
Ensures Correctness of dimensions for wall thickness, socket diameters and sockets depths as per relevant standards.
- **Burst Pressure Test :**  
Ensures maximum burst pressure of fitting must be over three times the normal pressure rating.

### AREAS OF APPLICATIONS :

- Residential Apartments
- Villas and Individual Homes
- Office Complexes
- Hotels
- Hospitals

### DIMENSIONS AND WATER PRESSURE RATING AT 23°C FOR UNTHREADED PIPES AS PER ASTM - D 1785

Nominal Bore (Inch)	Outside Diameter (mm)	Schedule 40 (Standard)			Schedule 80 (Heavy)			Schedule 120		
		Wall Thickness (mm)	Working Pressure		Wall Thickness (mm)	Working Pressure		Wall Thickness (mm)	Working Pressure	
			Mpa	psi		Mpa	psi		Mpa	psi
½	21.34 ± 0.10	2.77+0.51	4.14	600	3.73+0.51	5.86	850	3.73+0.51	6.69	950
¾	26.67 ± 0.10	2.87+0.51	3.31	480	3.91+0.51	4.76	690	3.91+0.51	5.31	754
1	33.40 ± 0.13	3.38+0.51	3.10	450	4.55+0.53	4.34	630	4.55+0.53	4.96	704
1¼	42.16 ± 0.13	3.56+0.51	2.55	370	4.85+0.58	3.59	520	4.85+0.58	4.14	588
1½	48.26 ± 0.15	3.68+0.51	2.28	330	5.08+0.61	3.24	470	5.08+0.61	3.72	528
2	60.32 ± 0.15	3.91+0.51	1.93	280	5.54+0.66	2.76	400	5.54+0.66	3.24	460
2½	73.02 ± 0.18	5.16+0.61	2.07	300	7.01+0.84	2.90	420	7.01+0.84	3.24	460
3	88.90 ± 0.20	5.49+0.66	1.79	260	7.62+0.91	2.55	370	7.62+0.91	3.03	430
4	114.30 ± 0.23	6.02+0.71	1.52	220	8.56+1.02	2.21	320	8.56+1.02	2.96	420

Mpa =Mega Pascal 1Mpa=10Kg/cm<sup>2</sup> 1Kg/cm<sup>2</sup> =14.20psi

Specification are Subject to Change without prior Notice for Continuous Technical Improvement.

### CONSUMPTION OF SOLVENT CEMENT

Pipe size (inch)	½	¾	1	1¼	1½	2	3	4	6
No. of Fitting Joints per Litre	274	169	148	106	74	42	32	21	6



**uPVC PIPES - HSN CODE - 3917**

Pipe in Sch. 40 & 80 as per ASTM D 1785 & Fittings in Sch. 80 as per ASTM D 2467



**uPVC PIPE SCH. 40 - 3m**

Size (inch)	Size (mm)	Std. Pkg.
1/2	15	50
3/4	20	40
1	25	25
1 1/4	32	10
1 1/2	40	10
2	50	5
2 1/2	65	5
3	80	3
4	100	3

**uPVC PIPE SCH. 40 - 6m**

Size (inch)	Size (mm)	Std. Pkg.
1/2	15	40
3/4	20	30
1	25	20
1 1/4	32	10
1 1/2	40	10
2	50	5
2 1/2	65	5
3	80	3
4	100	3



**uPVC PIPE SCH. 80 - 3m**

Size (inch)	Size (mm)	Std. Pkg.
1/2	15	50
3/4	20	40
1	25	25
1 1/4	32	10
1 1/2	40	10
2	50	5
2 1/2	65	5
3	80	3
4	100	3

**uPVC PIPE SCH. 80 - 6m**

Size (inch)	Size (mm)	Std. Pkg.
1/2	15	40
3/4	20	30
1	25	20
1 1/4	32	10
1 1/2	40	10
2	50	5
2 1/2	65	5
3	80	3
4	100	3

**uPVC FITTINGS - HSN CODE - 3917**

**COUPLER**

Size (inch)	Size (mm)	Std. Pkg.
1/2	15	300
3/4	20	175
1	25	125
1 1/4	32	75
1 1/2	40	60
2	50	36
2 1/2	65	18
3	80	12
4	100	8

**UNION**

Size (inch)	Size (mm)	Std. Pkg.
1/2	15	125
3/4	20	75
1	25	50
1 1/4	32	40
1 1/2	40	27
2	50	18
2 1/2	65	6
3	80	4

**REDUCING ELBOW**

Size (inch)	Size (mm)	Std. Pkg.
3/4 X 1/2	20x15	125
1 X 1/2	25x15	100
1 X 3/4	25x20	75

**ELBOW**

Size (inch)	Size (mm)	Std. Pkg.
1/2	15	225
3/4	20	125
1	25	75
1 1/4	32	50
1 1/2	40	30
2	50	18
2 1/2	65	12
3	80	6
4	100	4

\* Warranty applicable only if PARAS Super-Flow uPVC Pipes & Fittings is used with PARAS uPVC Solvent for Jointing.

# uPVC SUPER-FLOW PLUMBING SYSTEM IDEAL FOR COLD WATER PLUMBING

## uPVC FITTINGS - HSN CODE - 3917

### ELBOW PLASTIC THREADED



Size (inch)	Size (mm)	Std. Pkg.
1/2x1/2	15x15	250
3/4x1/2	20x15	125
3/4x3/4	20x20	125
1x1	25x25	75

### TEE PLASTIC THREADED



Size (inch)	Size (mm)	Std. Pkg.
1/2x1/2	15x15	150
3/4x1/2	20x15	100
3/4x3/4	20x20	100
1x1	25x25	50

### TEE



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	150
3/4	20	100
1	25	50
1 1/4	32	30
1 1/2	40	20
2	50	15
2 1/2	65	6
3	80	4
4	100	2

### FTA PLASTIC THREADED



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	300
3/4	20	225
1	25	125
1 1/4	32	75
1 1/2	40	64
2	50	36
2 1/2	65	18
3	80	12
4	100	8

### REDUCING FTA PLASTIC THREADED



Size (inch)	Size (mm)	Std. Pkg.
3/4x1/2	20x15	100
1x1/2	25x15	175

### MTA PLASTIC THREADED



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	400
3/4	20	275
1	25	175
1 1/4	32	100
1 1/2	40	100
2	50	60
2 1/2	65	18
3	80	18
4	100	8

### REDUCING MTA PLASTIC THREADED



Size (inch)	Size (mm)	Std. Pkg.
1x1 1/2	25x15	175

### REDUCER



Size (inch)	Size (mm)	Std. Pkg.
3/4x1/2	20x15	200
1x1/2	25x15	210
1x3/4	25x20	125
1 1/4x1/2	32x15	120
1 1/4x3/4	32x20	140
1 1/4x1	32x25	75
1 1/2x1/2	40x15	100
1 1/2x3/4	40x20	100
1 1/2x1	40x25	100
1 1/2x1 1/4	40x32	50
2x1/2	50x15	60
2x3/4	50x20	60
2x1	50x25	64
2x1 1/4	50x32	60
2x1 1/2	50x40	64
2 1/2x2	65x50	27

### REDUCING TEE



Size (inch)	Size (mm)	Std. Pkg.
3/4x1/2	20x15	100
1x1/2	25x15	50
1x3/4	25x20	50
1 1/4x1/2	32x15	30
1 1/4x3/4	32x20	30
1 1/4x1	32x25	30
1 1/2x1/2	40x15	24
1 1/2x3/4	40x20	24
1 1/2x1	40x25	24
1 1/2x1 1/4	40x32	20
2x1/2	50x15	18
2x3/4	50x20	18
2x1	50x25	18
2x1 1/4	50x32	15
2x1 1/2	50x40	15

### END CAP



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	250
3/4	20	150
1	25	75
1 1/4	32	50
1 1/2	40	100
2	50	60
2 1/2	65	36

### THREADED PLUG



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	700
3/4	20	500
1	25	300



Leak Proof



Corrosion & Deposition Free

## uPVC SUPER-FLOW PLUMBING SYSTEM IDEAL FOR COLD WATER PLUMBING

### uPVC FITTINGS - HSN CODE - 3917

#### REDUCING BUSH



Size (inch)	Size (mm)	Std. Pkg.
3/4 x 1/2	20x15	300
1 x 1/2	25x15	300
1 x 3/4	25x20	300
1 1/4 x 1/2	32x15	200
1 1/4 x 3/4	32x20	200
1 1/4 x 1	32x25	200
1 1/2 x 1/2	40x15	125
1 1/2 x 3/4	40x20	150
1 1/2 x 1	40x25	125
1 1/2 x 1 1/4	40x32	125
2 x 1/2	50x15	50
2 x 3/4	50x20	50
2 x 1	50x25	50
2 x 1 1/4	50x32	50
2 x 1 1/2	50x40	50
2 1/2 x 2	65x50	50
3 x 2	80x50	24
3 x 2 1/2	80x65	24
4 x 2	100x50	12
4 x 2 1/2	100x65	12
4 x 3	100x80	12

#### ASTM BALL VALVE



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	80
3/4	20	50
1	25	30
1 1/4	32	20
1 1/2	40	12
2	50	5
2 1/2	65	5
3	80	3

#### TANK CONNECTOR (LONG)



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	150
3/4	20	75
1	25	50
1 1/4	32	30
1 1/2	40	20
2	50	10

#### TANK CONNECTOR (SHORT) (TH X TH)



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	75
3/4	20	100
1	25	75
1 1/4	32	40
1 1/2	40	30
2	50	20

#### PIPE CLIP



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	450
3/4	20	400
1	25	300
1 1/4	32	200
1 1/2	40	150
2	50	100

#### TANK CONNECTOR (SOCKET TYPE)



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	75
3/4	20	100
1	25	75
1 1/4	32	40
1 1/2	40	30
2	50	20

#### STEP OVER BEND (FABRICATED)



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	50
3/4	20	50
1	25	25
1 1/4	32	20
1 1/2	40	15
2	50	10

#### BEND 90° (FABRICATED)



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	50
3/4	20	50
1	25	50
1 1/4	32	15
1 1/2	40	15
2	50	10
2 1/2	65	04
3	80	04

#### BEND 45°



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	250
3/4	20	150
1	25	100
1 1/4	32	50
1 1/2	40	40
2	50	20

#### CIRCUIT TESTING PLUG



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	200

#### MALE TRANSITION NIPPLE



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	100
3/4	20	75
1	25	50
1 1/4	32	30
1 1/2	40	20
2	50	20

# uPVC SUPER-FLOW PLUMBING SYSTEM IDEAL FOR COLD WATER PLUMBING

## uPVC FITTINGS - HSN CODE - 3917

### FEMALE TRANSITION NIPPLE



Size (inch)	Size (mm)	Std. Pkg.
1/2	15	100
3/4	20	75
1	25	50
1 1/4	32	50
1 1/2	40	20
2	50	10

### BRASS TEE



Size (inch)	Size (mm)	Std. Pkg.
1/2 X 1/2 X 1/2	15x15x15	50
3/4 X 3/4 X 1/2	20x20x15	50
3/4 X 3/4 X 3/4	20x20x20	40
1 X 1 X 1/2	25x25x15	30
1 X 1 X 3/4	25x25x20	30
1 X 1 X 1	25x25x25	24

### CROSS TEE



1/2	15	100
3/4	20	75
1	25	40

### REDUCING BRASS BUSH



1 X 1/2	25x15	125
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## uPVC SOLVENT CEMENT - HSN CODE - 3506

### BRASS FTA



1/2 X 1/2	15x15	100
3/4 X 1/2	20x15	100
3/4 X 3/4	20x20	75
1 X 1/2	25x15	40
1 X 3/4	25x20	40
1 X 1	25x25	50
1 1/4 X 1 1/4	32x32	24
1 1/2 X 1 1/2	40x40	24
2 X 2	50x50	10

### uPVC SOLVENT CEMENT (TUBE)

Quantity in ml	Std. Pkg.
25ml	64
50ml	50

### uPVC SOLVENT CEMENT (TIN)

Quantity in ml	Std. Pkg.
50ml	30
120ml	24
240ml	24
480ml	12
960ml	6

## uPVC HEAVY DUTY SOLVENT CEMENT - HSN CODE - 3506

### BRASS MTA



1/2 X 1/2	15x15	100
3/4 X 1/2	20x15	100
3/4 X 3/4	20x20	75
1 X 1/2	25x15	40
1 X 3/4	25x20	40
1 X 1	25x25	40
1 1/4 X 1 1/4	32x32	20
1 1/2 X 1 1/2	40x40	16
2 X 2	50x50	10

### uPVC HEAVY DUTY SOLVENT CEMENT (TIN)

Quantity in ml	Std. Pkg.
120ml	24
240ml	24
480ml	12
960ml	6

New



### NON RETURN VALVE

3/4	20	25
1	25	24

### BRASS ELBOW



1/2 X 1/2	15x15	75
3/4 X 1/2	20x15	50
3/4 X 3/4	20x20	50
1 X 1/2	25x15	50
1 X 3/4	25x20	30
1 X 1	25x25	30

\* Warranty applicable only if PARAS Super-Flow uPVC Pipes & Fittings is used with PARAS uPVC Solvent for Jointing.

**Save Water.. Save Nation..**



Quality Product



Lowest Bacterial Growth

# SWR

## DRAINAGE SYSTEM

BEST SOLUTION FOR

# DRAINAGE

SYSTEM



IS-13592  
  
CM/L - 7354474  
Pipes

IS-14735  
  
CM/L - 7438177  
Fittings

  
STABILIZED



# PERFORMANCE BENEFITS

**PARAS SUPERFIT, PARAS INDIA & PARAS AQUA  
SWR 'O' RING & SELFIT FITTINGS**

PVC Pipes Compound Grade Equivalent to PVC 1120 / 2120

### STANDARDS & SPECIFICATIONS

IS 14735 - Specification for SWR Fittings

IS 13592 - Specification for SWR Pipes

### SIZES

Pipes : 50mm, 75mm, 90mm, 110mm & 160mm

Fittings : 50mm, 75mm, 90mm, 110mm & 160mm

### COLOUR

Tint Blue



Fire Retardant



**DIMENSIONS OF SWR PIPES**

Nominal Outside Diameter	Tolerance on Outside Diameter		WALL THICKNESS			
			Type - A		Type - B	
	Min	Max	Min	Max	Min	Max
50	50.0	50.3	1.8	2.2	3.2	3.8
75	75.0	75.3	1.8	2.2	3.2	3.8
90	90.0	90.3	1.9	2.3	3.2	3.8
110	110.0	110.4	2.2	2.7	3.2	3.8
160	160.0	160.5	3.2	3.8	4.0	4.6

**DIMENSIONS FOR RINGFIT SOCKET**

Nominal Outside Diameter	Inside Dia of Socket		Length of Beading & Neck	Length Beyond Beading
	Min	Max	Max	Min
50	50.3	51.1	18	20
75	75.3	76.2	20	25
90	90.3	91.2	23	28
110	110.4	111.3	26	32
160	160.5	161.5	32	42

### FEATURES AND BENEFITS

- UV Stabilized
- High Chemical & Corrosion Resistance
- Stronger, Resilient and Long Lasting
- Environment Friendly

### AREAS OF APPLICATIONS :

- Drain & Sewer systems in Residences, Commercial Complexes, Resorts, Hospitals, Academic Institutes and Industries etc.

### ADVANTAGES

- High Flow Rate - No Chocking
- Quick, Easy & Aesthetic Installation
- Cost Effective
- Elegant & Versatile
- 100% Leak Proof Joints



## SWR PIPE - HSN CODE - 3917

### PARAS SUPERFIT SWR PIPES - IS 13592

Size	Type	50mm		75mm		90mm		110mm		160mm	
		Type A	Type B	Type A	Type B	Type A	Type B	Type A	Type B	Type A	Type B
10ft	Single Socket	4 kg	6 kg	4 kg	6 kg	4 kg	6 kg	4 kg	6 kg	4 kg	6 kg
6ft	Single Socket										
4ft	Single Socket										
3ft	Single Socket										
2ft	Single Socket										
10ft	Double Socket										
6ft	Double Socket										
4ft	Double Socket										
3ft	Double Socket										
2ft	Double Socket										
10ft	Selfit Socket										

### DIMENSIONS FOR SELFIT SOCKET

Nominal Outside Diameter	Socket Depth	Mean ID of Socket at Mid Point	
		Min	Max
50	30.0	50.1	50.3
75	40.0	75.1	75.3
90	46.0	90.1	90.3
110	48.0	110.1	110.4
160	58.0	160.2	160.5

Paras (2.5kg)		75mm	110mm	160mm
10ft	Single Socket			
10ft	Double Socket			
10ft	Selfit Socket			

# SWR DRAINAGE SYSTEM QUICK INSTALLATION LEAK-PROOF JOINTS

**SWR FITTINGS - HSN CODE - 3917**


**PARAS SUPERFIT 'O' Ring Fittings IS:14735**


BEND 87.5°			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	120
	2½	75	90
	3	90	50
	4	110	32
	6	160	10


SINGLE WYE			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	63
	2½	75	44
	3	90	26
	4	110	16
	6	160	5


BEND 87.5° DOOR			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	100
	2½	75	72
	3	90	45
	4	110	26
	6	160	09


SINGLE WYE DOOR			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	60
	2½	75	42
	3	90	26
	4	110	14
	6	160	5


BEND 45°			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	210
	2½	75	45
	3	90	72
	4	110	36

SINGLE TEE			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	88
	2½	75	55
	3	90	32
	4	110	20
	6	160	06


COUPLER			
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	70
	3	90	44
	4	110	48

SINGLE TEE DOOR			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	50
	2½	75	42
	3	90	30
	4	110	18
	6	160	06


REDUCER			
	Size (inch)	Size (mm)	Std. Pkg.
	4x 2½	110x75	48
	3x 2½	90x75	56
	4x3	110x90	32

DOUBLE WYE			
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	28
	4	110	08


REDUCING TEE			
	Size (inch)	Size (mm)	Std. Pkg.
	4x 2½	110x75	24

DOUBLE WYE DOOR			
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	22
	4	110	08

REDUCING DOOR TEE			
	Size (inch)	Size (mm)	Std. Pkg.
	4x 2½	110x75	20

DOUBLE TEE			
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	40
	3	90	24
	4	110	16

REDUCING SINGLE WYE			
	Size (inch)	Size (mm)	Std. Pkg.
	4x 2½	110x75	24


DOUBLE TEE DOOR			
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	31
	3	90	18
	4	110	10

REDUCING DOUBLE WYE			
	Size (inch)	Size (mm)	Std. Pkg.
	2½x4x 2½	75x110x75	14

# SWR DRAINAGE SYSTEM QUICK INSTALLATION LEAK-PROOF JOINTS



## SWR FITTINGS - HSN CODE - 3917

	OFFSET		
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	84
	2½	75	30
	3	90	37
	4	110	24


	CLEANSING PIPE		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	30
	3	90	54
	4	110	24

## SWR FITTINGS - HSN CODE - 3917

### PARAS INDIA SELFIT Fittings IS:14735

	BEND 87.5°		
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	120
	2½	75	96
	3	90	62
	4	110	31
	6	160	12

	REDUCING DOOR TEE		
	Size (inch)	Size (mm)	Std. Pkg.
	4x 2½	110x75	20


	BEND 87.5° DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	120
	2½	75	72
	3	90	52
	4	110	26
	6	160	10


	REDUCING SINGLE WYE		
	Size (inch)	Size (mm)	Std. Pkg.
	4x 2½	110x75	24


	REDUCING DOUBLE WYE		
	Size (inch)	Size (mm)	Std. Pkg.
	2½ x 4x 2½	75x110x75	16

	BEND 45°		
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	210
	2½	75	60
	3	90	74
	4	110	48
	6	160	14

	SINGLE WYE		
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	75
	2½	75	48
	3	90	30
	4	110	16
	6	160	5

	COUPLER		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	80
	3	90	46
	4	110	54

	SINGLE WYE DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	66
	2½	75	36
	3	90	30
	4	110	16
	6	160	5

	REDUCER		
	Size (inch)	Size (mm)	Std. Pkg.
	4x 2½	110x75	48
	3x 2½	90x75	75
	4x3	110x90	36


	SINGLE TEE		
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	68
	2½	75	60
	3	90	39
	4	110	24
	6	160	6


\* Warranty applicable only if PARAS Pipes & Fittings is used with Paros Lubricants for Jointing.


## SWR DRAINAGE SYSTEM QUICK INSTALLATION LEAK-PROOF JOINTS

### SWR FITTINGS - HSN CODE - 3917


	SINGLE TEE DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	50
	2½	75	51
	3	90	36
	4	110	20
	6	160	6


	DOUBLE WYE		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	30
	4	110	10

	DOUBLE WYE DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	22
	4	110	8

	DOUBLE TEE		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	45
	3	90	27
	4	110	14

	DOUBLE TEE (Door)		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	31
	3	90	18
	4	110	10

	CLEANSING PIPE		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	36
	3	90	54
	4	110	30


	OFFSET		
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	84
	2½	75	30
	3	90	37
	4	110	24


\* Warranty applicable only if PARAS Pipes & Fittings is used with Paros Lubricants for Jointing.


### SWR FITTINGS - HSN CODE - 3917


#### COMMON FITTINGS FOR BOTH RINGFIT & SELFIT

	ELBOW		
	Size (inch)	Size (mm)	Std. Pkg.
	6	160MM	11


	ELBOW WITH DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	6	160MM	9

	TEE		
	Size (inch)	Size (mm)	Std. Pkg.
	6	160MM	6


	NAHANI TRAP (WITH JALI)		
	Size (inch)	Size (mm)	Std. Pkg.
	2	63	58
	2½	75	50
	2½ Hy.	75	50
	3	90	44
	4	110	36


	NAHANI TRAP (WITHOUT JALI)		
	Size (inch)	Size (mm)	Std. Pkg.
	2	63	58
	2½	75	50
	2½ Hy.	75	50
	3	90	44
	4	110	36


	GULLY TRAP		
	Size (inch)	Size (mm)	Std. Pkg.
	3	90	24

	P TRAP		
	Size (inch)	Size (mm)	Std. Pkg.
	4 x 4	110x110	12
	4x 4½	110x125	12

	P TRAP LOW HEIGHT		
	Size (inch)	Size (mm)	Std. Pkg.
	4 x 4	110x110	14
	4x 4½	110x125	14
Without LIP Ring	4x 4½	110x125	14

	S TRAP		
	Size (inch)	Size (mm)	Std. Pkg.
	4 x 4	110x110	9
	4x 4½	110x125	8


	Q TRAP		
	Size (inch)	Size (mm)	Std. Pkg.
	4 x 4	110x110	11
	4x 4½	110x125	10

	W.C. CONNECTOR	
	Size (inch)	Std. Pkg.
	110 x 1½'	7
	110 x 2'	7

# SWR DRAINAGE SYSTEM QUICK INSTALLATION LEAK-PROOF JOINTS



## SWR FITTINGS - HSN CODE - 3917


BELL MOUNT TRAP			
	Size (inch)	Size (mm)	Std. Pkg.
	4 x 4	110x110	13
	4x 4½	110x125	13

MFT JALI SQUARE FRAME			
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	189

BELL MOUNT TRAP LOW HEIGHT			
	Size (inch)	Size (mm)	Std. Pkg.
	4 x 4	110x110	14
	4x 4½	110x125	13


VENT COWL			
	Size (inch)	Size (mm)	Std. Pkg.
	2	63	338
	2½	75	240
	3	90	161
	4	110	96
	6	160	24


NAHANI TRAP WITH 40MM INLET (WITH JALI)			
	Size (inch)	Size (mm)	Std. Pkg.
	2	63	58
	2½	75	50
	3	90	44
	4	110	36


PIPE CLIP			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	400
	2	63	440
	2½	75	300
	3	90	264
	4	110	200
	6	160	140


NAHANI TRAP WITH 40MM INLET (WITHOUT JALI)			
	Size (inch)	Size (mm)	Std. Pkg.
	2	63	58
	2½	75	50
	3	90	44
	4	110	36

DOOR CAP			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	-
	2½	75	-
	3	90	-
	4	110	--

ROUND JALI			
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	500

BYPASS BEND			
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	20
	4	110	7

SOCKET PLUG			
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	150
	4	110	128

WC BEND			
	Size (inch)	Size (mm)	Std. Pkg.
	4x 4½	110x125	31

## RUBBER LUBRICANT - HSN CODE - 3403

RUBBER LUBRICANT		
	Size (gm)	Std. Pkg.
	50gm.	100
	100gm.	50
	250gm.	30
	500gm.	14
	1 Kg.	8

DRAINAGE COVER		
	Size (Inch)	Std. Pkg.
	10 x 10	1
	12 x 12	1
	18 x 18	1
	16 x 22	1

		
12'x12'	18'x18'	16'x22'

\* Warranty applicable only if PARAS Pipes & Fittings is used with Paros Lubricants for Jointing.

# SWR DRAINAGE SYSTEM QUICK INSTALLATION LEAK-PROOF JOINTS


**SWR FITTINGS - HSN CODE - 3917**

## PARAS AQUA FITTINGS (O Ring)

	BEND 87.5°		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	96
4	110	36	


	BEND 87.5° DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	84
4	110	30	

	BEND 45°		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	60
4	110	44	

	COUPLER		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	75
4	110	64	

	REDUCER 110 X 75MM		
	Size (inch)	Size (mm)	Std. Pkg.
	4x 2½	110x75	36

	SINGLE WYE		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	48
4	110	16	

	SINGLE WYE DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	42
4	110	16	

	SINGLE TEE		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	66
4	110	24	

	SINGLE TEE DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	51
4	110	20	


	OFFSET		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	37
4	110	24	


	DOOR CAP		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	--
4	110	--	

## PARAS AQUA FITTINGS (Selfit)

	BEND 87.5°		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	112
4	110	34	


	BEND 87.5° DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	90
4	110	28	

	BEND 45°		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	80
4	110	48	

	COUPLER		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	80
4	110	60	


	REDUCER 110 X 75MM		
	Size (inch)	Size (mm)	Std. Pkg.
	4x 2½	110x75	36

	SINGLE WYE		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	52
4	110	16	

	SINGLE WYE DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	45
4	110	16	

	SINGLE TEE		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	68
4	110	24	

	SINGLE TEE DOOR		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	51
4	110	20	

	OFFSET		
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	37
4	110	24	

	P TRAP LOW HEIGHT LW		
	Size (inch)	Size (mm)	Std. Pkg.
	4x4	110x110	14
4x 4½	110x125	14	

# BLOW MOULDING WATER STORAGE TANK

HDPE Material Meet the requirement IS : 10146

## CAPACITY

100 l/(L) to 2500 l/(L)

Loft Tanks - 200 / 300 / 500 l/(L)

## COLOURS

Yellow | White | Blue | Golden Yellow

## FEATURES AND BENEFITS

- ▶ Triple Layer & Four Layer
- ▶ 100% Virgin Material
- ▶ Strong, Durable & Attractive Design
- ▶ Uniform Wall Thickness
- ▶ Plumber Friendly
- ▶ Two Sided Inlet & Outlet for Convenience.
- ▶ Threaded Lid

## ADVANTAGES

- ▶ Safe for Drinking Water
- ▶ Adaptability
- ▶ Heat Resistance
- ▶ Cost Effective



Strong



Quality  
Product



Easy  
Installation



## WATER TANK - HSN CODE - 3925

### DIMENSIONS OF BLOW MOULDED WATER TANK IN INCHES

Size	Diameter	Rib Dia	Height	Main Hole Dia
100 l/(L)	21"	21"	22"	16"
200 l/(L)	21"	21"	22"	16"
300 l/(L)	28"	28"	34"	12"
500 l/(L)	32"	32"	40"	16"
750 l/(L)	43"	42"	40"	16"
1000 l/(L)	43"	42"	50"	16"
1250 l/(L)	43"	42"	54"	16"
1500 l/(L)	52"	50"	54"	16"
2000 l/(L)	52"	50"	65"	16"
2500 l/(L)	52"	50"	78"	16"

### DIMENSIONS OF LOFT TANK IN INCHES

Size	Length (In Inch)	Width (In Inch)	Hight (In Inch)	Main Hole Dia
300 l/(L)	47"	36"	12"	10.5"
500 l/(L)	60"	36"	16"	10.5"

200 l/(L) - NEW LAUNCHING



**1<sup>st</sup>** Transparent Coloured Loft Tank  
 Sizes: 200 l/(L) / 300 l/(L) / 500 l/(L)



Size (mm)	Size (inch)
20	3/4
25	1
40	1 1/2
50	2

## Y - TYPE SCREEN FILTER



# ECO-DRAIN

## UNDERGROUND DRAINAGE SYSTEM

Special HI-TECH Compound

### SIZES

110mm  
160mm  
200mm

### DIMENSION

3 m & 6 m

### FEATURES AND BENEFITS

- Great Flexibility
- High Compression Strength
- High Tensile Strength
- High Impact Strength
- Hygienic & Safe
- Excellent Resistance to Corrosion and Chemical Attack.

### AREAS OF APPLICATION

Hospitals, Complexes,  
Commercial Building, Residence & Industries.

### ADVANTAGES

- Joint do not get affected due to soil settlements.
- Suitable for all types of soil. No concrete bedding is required.
- Longer lengths of pipes and hence less number of joints - simple and fast installation.
- Trouble free long life and overall economy.



### DIMENSIONS OF ECO - DRAIN PIPE

Size in mm	Nominal Outside Diameter (Nominal Size)	Mean Outside Diameter		WALL THICKNESS			
				Class 2 0.4 MPa		Class 3 0.6 MPa	
		Min	Max	Min	Max	Min	Max
4	110	110.0	110.4	2.5	3.0	3.7	4.3
6	160	160.0	160.5	3.7	4.3	5.4	6.2
8	200	200.0	200.6	4.6	5.3	6.8	7.9

**ECO DRAIN UNDERGROUND DRAINAGE PIPES - HSN CODE - 3917**

### Eco Drain Pipe Brown Colour

	3m			6m		
	110mm	160mm	200mm	110mm	160mm	200mm
Eco Drain Pipe						

## ECO DRAIN UNDERGROUND DRAINAGE FITTINGS - HSN CODE - 3917

### ELBOW



Size (inch)	Size (mm)	Std. Pkg.
4	110	25
6	160	11
8	200	4

### ELBOW (WITH DOOR)



Size (inch)	Size (mm)	Std. Pkg.
6	160	9
8	200	--

### TEE



Size (inch)	Size (mm)	Std. Pkg.
4	110	18
6	160	6
8	200	3

### SOCKET (FABRICATED)



Size (inch)	Size (mm)	Std. Pkg.
4	110	35
6	160	12
8	200	7

### REDUCER



Size (inch)	Size (mm)	Std. Pkg.
6x4	160X110	32

### REDUCING TEE



Size (inch)	Size (mm)	Std. Pkg.
6x4	160X110	8

### SQUARE GULLY TRAP



Size (inch)	Size (mm)	Std. Pkg.
4X4	110X110	14



# uPVC

## UNDERGROUND DRAINAGE SYSTEM

**ECO DRAIN UNDERGROUND DRAINAGE PIPES - HSN CODE - 3917**



### 'O' RING SINGLE SOCKET 3m

Size (inch)	Size (mm)
4	110
6	160

### 'O' RING SINGLE SOCKET 6m

4	110
6	160

### 'O' RING DOUBLE SOCKET 3m

4	110
6	160

### 'O' RING DOUBLE SOCKET 6m

4	110
6	160

### SELFIT PIPE SOCKET 3m

4	110
6	160

### SELFIT PIPE SOCKET 6m

4	110
6	160

### uPVC UNDERGROUND DRAINAGE FITTINGS ('O' RING)

#### PLAIN BEND 87.5°

Size (inch)	Size (mm)	Std. Pkg.
4	110	32
6	160	10

#### COUPLER

4	110	48
6	160	-

#### BEND 45°

4	110	36
6	160	-

#### SINGLE TEE

4	110	20
6	160	6

#### SINGLE WYE

4	110	16
6	160	5

#### CLEANING PIPE

4	110	24
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#### SOCKET PLUG

4	110	128
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### uPVC UNDERGROUND DRAINAGE FITTINGS (SELFIT)

#### PLAIN BEND 87.5°

Size (inch)	Size (mm)	Std. Pkg.
4	110	31
6	160	12

#### COUPLER

4	110	54
6	160	-

#### BEND 45°

4	110	48
6	160	14

#### SINGLE TEE

4	110	24
6	160	6

#### SINGLE WYE

4	110	16
6	160	5

#### CLEANING PIPE

4	110	30
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# PVC

## PIPES & FITTINGS

**PARAS** PVC PIPE

BEST  
SOLUTION FOR  
**AGRICULTURAL**  
USE



IS-4985  
  
CM/L - 7200346  
PIPES

IS-7834  
  
CM/L - 7402156  
FITTINGS



# PERFORMANCE BENEFITS

PVC Compound Grade Equivalent to PVC 1120 / 2120

## STANDARDS & SPECIFICATIONS

IS 4985 : 2000 Specification For PVC Pipe

IS 7834 (Pt - 3 & Pt - 4) Specification for Fittings

## SIZES

Pipes : 20 mm to 315 mm

Fittings : 20 mm to 200 mm

## COLOUR

Gray

## LENGTH

6 m



## ADVANTAGES

- Self sockets are formed with high precision on specially developed sophisticated machines.
- 50% saving in installation time, as compared with plain ended pipes and loose couplers.
- The number of joints is reduced by 50% resulting in substantial saving in labour costs.
- More Economical than conventional plain ended pipes with loose couplers.
- Good hydraulic properties due to smooth interior pipe surfaces.

## FEATURES AND BENEFITS

- No Corrosion
- High Flow Rates - No Chocking
- UV Stabilized
- Long Life
- Light Weight
- Cost Effective

## AREAS OF APPLICATIONS

Agriculture Pipe Lines, Main & Submain Line for Drip Irrigation System

## uPVC AGRICULTURE PIPE - HSN CODE - 3917

### DIMENSIONS OF uPVC PIPE FOR POTABLE WATER SUPPLIES AS PER IS 4985

Nominal Outside Diameter (Nominal Size)	Mean Outside Diameter		WALL THICKNESS											
			Class 1 0.25 MPa		Class 2 0.4 MPa		Class 3 0.6 MPa		Class 4 0.8 MPa		Class 5 1.0 MPa		Class 6 1.25 MPa	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	20.0	20.3	-	-	-	-	-	-	-	-	1.1	1.5	1.4	1.8
25	25.0	25.3	-	-	-	-	-	-	1.2	1.6	1.4	1.8	1.7	2.1
32	32.0	32.3	-	-	-	-	-	-	1.5	1.9	1.8	2.2	2.2	2.7
40	40.0	40.3	-	-	-	-	1.4	1.8	1.8	2.2	2.2	2.7	2.8	3.3
50	50.0	50.3	-	-	-	-	1.7	2.1	2.3	2.8	2.8	3.3	3.4	4.0
63	63.0	63.3	-	-	1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1	4.3	5.0
75	75.0	75.3	-	-	1.8	2.2	2.6	3.1	3.4	4.0	4.2	4.9	5.1	5.9
90	90.0	90.3	1.3	1.7	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7	6.1	7.1
110	110.0	110.4	1.6	2.0	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1	7.5	8.7
125	125.0	125.4	1.8	2.2	2.9	3.4	4.3	5.0	5.6	6.4	6.9	8.0	8.5	9.8
140	140.0	140.5	2.0	2.4	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9	9.5	11.0
160	160.0	160.5	2.3	2.8	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2	10.9	12.6
180	180.0	180.6	2.6	3.1	4.2	4.9	6.1	7.1	8.0	9.2	9.9	11.4	12.2	14.1
200	200.0	200.6	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7	13.6	15.7

**Note :**

\* The wall thickness of pipe is based on a safe working stress of 8.6 Mpa at 27°C. The working pressure gets reduced at sustained higher temperatures.

Occasional rise in temperature, as in summer, with concurrent corresponding reduction in temperature during nights has no deleterious effect on the working pressure of the pipes considering the total life of pipe.

**\* WARRANTY APPLICABLE ONLY IF PARAS uPVC AGRICULTURE PIPE & FITTINGS IS USED WITH PARAS SOLVENT CEMENT FOR JOINTING & ALL GUIDELINES FOLLOWED.**

## uPVC AGRICULTURE PIPES STRONG, DURABLE & COST EFFECTIVE

**uPVC AGRICULTURE PIPES - HSN CODE - 3917**

(6 Meter Pipe)

	Size		2.5kg	4kg	6kg	10kg	Commercial Pipe Aqua	
	(Inch)	(mm)					4kg	6kg
	1/2	20						
	3/4	25						
	1	32						
	1 1/4	40						
	1 1/2	50						
	2	63						
	2 1/2	75						
	3	90						
	4	110						
	4 1/2	125						
	5	140						
	6	160						
	7	180						
	8	200						



# uPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE

**uPVC AGRICULTURE FITTINGS - HSN CODE - 3917**

## ELBOW 16 KG



Size (inch)	Size (mm)	Std. Pkg.
2	63	80
2½	75	45
3	90	30
4	110	--

## ELBOW (PN4) SOCKET TYPE



Size (inch)	Size (mm)	Std. Pkg.
1½	50	200
2	63	90
2½	75	50
3	90	30
4	110	25

## ELBOW 10 KG



2	63	90
2½	75	50
4	110	25

## ELBOW (PN4) DOOR SOCKET TYPE



2	63	80
3	90	25

## ELBOW 6KG



½ (ISI)	20	500
¾ (ISI)	25	500
1 (ISI)	32	500
1¼ (ISI)	40	300
1½ (ISI)	50	150
2 (ISI)	63	90
2½ (ISI)	75	55
3 (ISI)	90	32
4 (ISI)	110	25
5	140	16
6	160	11
7	180	6
8	200	4

## ELBOW AQUA



¼	40	300
½	50	200
2	63	200
2½	75	120
3	90	65
4	110	40

## ELBOW AQUA WITH DOOR



½	50	100
2	63	150
2½	75	80
3	90	55
4	110	30

## ELBOW 4 KG



½	20	500
¾	25	500
1	32	500
1¼	40	300
1½	50	175
5	140	16
6	160	11

## ONE SIDE THREADED ELBOW



½ x ½	20x1/2	500
¾ x ½	25x1/2	500
¾ x ¾	25x3/4	500
1x1	32 x 1	500
2	63	60
2½	75	50
3	90	32

## ELBOW 4KG (ISI)



2	63	90
2½	75	55
3	90	32
4	110	25

## BEND 45°



¼	40	300
½	50	200
2	63	125
2½	75	70
3	90	40
4	110	32

## SINGLE WYE (PN6)



2½	75	22
3	90	24
4	110	12

\* Warranty applicable only if PARAS Pipes & Fittings is used with Paros Solvent Cement & Rubber Lubricants for Jointing.

## uPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE

**uPVC AGRICULTURE FITTINGS - HSN CODE - 3917**

### TEE 16 KG



Size (inch)	Size (mm)	Std. Pkg.
2	63	55
2½	75	30
3	90	18
4	110	--

### TEE (PN4) SOCKET TYPE



Size (inch)	Size (mm)	Std. Pkg.
2	63	60
2½	75	35
3	90	20
4	110	18

### TEE 10 KG



2	63	55
2½	75	32
4	110	18

### TEE (PN4) DOOR SOCKET TYPE



2	63	55
---	----	----

### TEE AQUA



1½	50	140
2	63	120
2½	75	70
3	90	40
4	110	26

### TEE 6 KG



½ (ISI)	20	500
¾ (ISI)	25	500
1 (ISI)	32	300
1¼ (ISI)	40	200
1½ (ISI)	50	80
2 (ISI)	63	50
2½ (ISI)	75	32
3 (ISI)	90	20
4 (ISI)	110	18
5	140	12
6	160	6
7	180	4
8	200	3

### TEE AQUA WITH DOOR



1½	50	100
2	63	95
2½	75	55
3	90	35
4	110	20

### ONE SIDE THRD. TEE



½ x ½	20x1/2	500
¾ x ½	25x1/2	500
¾ x ¾	25x3/4	500
1 x 1	32 x 1	300
2	63	45
2½	75	25
3	90	20

### TEE 4 KG



½	20	500
¾	25	500
1	32	300
1¼	40	200
1½	50	100
5	140	12
6	160	6

### CROSS TEE



2	63	45
2½	75	26

### TEE 4 KG (ISI)



2	63	50
2½	75	35
3	90	20
4	110	18

### MTA



½	20	500
¾	25	500
1	32	500
1¼	40	500
1½	50	300
2	63	150
2½	75	115
3	90	80
4	110	35

# uPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE

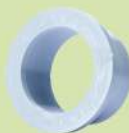
**uPVC AGRICULTURE FITTINGS - HSN CODE - 3917**

## MTA HEAVY (HEX TYPE)



Size (inch)	Size (mm)	Std. Pkg.
2	63	150
2½	75	115
3	90	80
4	110	35
5	140	24
6	160	18

## TAIL PIECE 4 KG



Size (inch)	Size (mm)	Std. Pkg.
2	63	190
2½	75	140
3	90	80
4	110	50

## FTA



Size (inch)	Size (mm)	Std. Pkg.
½	20	500
¾	25	500
1	32	500
1¼	40	500
1½	50	300
2	63	125
2½	75	100
3	90	50
4	110	25

## TAIL PIECE 6 KG



Size (inch)	Size (mm)	Std. Pkg.
2½	75	140
3	90	80
4	110	48
5	140	22
6	160	16

## TAIL PIECE (FABRICATED)



Size (inch)	Size (mm)	Std. Pkg.
2	63	120
2½	75	100
3	90	80
4	110	50

## FTA (HEAVY)



Size (inch)	Size (mm)	Std. Pkg.
2	63	125
2½	75	90
3	90	50
4	110	25
5	140	18
6	160	18

## COUPLER MOULDED



Size (inch)	Size (mm)	Std. Pkg.
½	20	500
¾	25	500
1	32	500
1¼	40	450
1½	50	250
2	63	150
2½	75	90
3	90	55
4	110	30
5	140	28
6	160	18

## END CAP PLAIN (WITHOUT COLLAR)



Size (inch)	Size (mm)	Std. Pkg.
4	110	70
4½	125	50

## COUPLER MOULDED (LW)



Size (inch)	Size (mm)	Std. Pkg.
2	63	150
2½	75	90
3	90	110
4	110	60

## END CAP (PLAIN)



Size (inch)	Size (mm)	Std. Pkg.
½	20	500
¾	25	500
1	32	500
1¼	40	500
1½	50	500
2	63	250
2½	75	150
3	90	90
4	110	60
5	140	54
6	160	36
7	180	24
8	200	20

## SOCKET 4 KG (FABRICATED)



Size (inch)	Size (mm)	Std. Pkg.
2	63	100
2½	75	60
3	90	40
4	110	35
5	140	15
6	160	12
7	180	9
8	200	7

## uPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE

**uPVC AGRICULTURE FITTINGS - HSN CODE - 3917**

### SOCKET 6 KG (FABRICATED)



Size (inch)	Size (mm)	Std. Pkg.
1/2	20	500
3/4	25	500
1	32	300
1 1/4	40	200
1 1/2	50	100
2	63	100
2 1/2	75	60
3	90	40
4	110	35
5	140	15
6	160	12
7	180	9
8	200	7

### QUICK FIX COUPLER 4 KG (RUBBER RING)



Size (inch)	Size (mm)	Std. Pkg.
2	63	24
2 1/2	75	18
3	90	15
4	110	6
5	140	5
6	160	4

### QUICK FIX COUPLER 6 KG (RUBBER RING)

Size (inch)	Size (mm)	Std. Pkg.
2 1/2	75	18
3	90	15
4	110	6
5	140	5
6	160	5

### BEND 4 KG (FABRICATED)



Size (inch)	Size (mm)	Std. Pkg.
2	63	45
2 1/2	75	30
3	90	18
4	110	10
5	140	5
6	160	3
7	180	2
8	200	2

### BEND 6 KG (FABRICATED)



Size (inch)	Size (mm)	Std. Pkg.
1/2	20	350
3/4	25	200
1	32	200
1 1/4	40	100
1 1/2	50	60
2	63	45
2 1/2	75	30
3	90	18
4	110	10
5	140	5
6	160	3
7	180	2

### SHORT BEND 10 KG (FABRICATED)



Size (inch)	Size (mm)	Std. Pkg.
1/2	20	500

### QUICK FIX COUPLER 4 KG (W/O RUBBER RING)



Size (inch)	Size (mm)	Std. Pkg.
2	63	24
2 1/2	75	24
3	90	18
4	110	8
5	140	5
6	160	4

### REDUCER



Size (inch)	Size (mm)	Std. Pkg.
3/4 x 1/2	25x20	500
1 x 1/2	32x20	500
1 x 3/4	32x25	500
1 1/4 x 1	40x32	500
1 1/2 x 1	50x32	350
1 1/2 x 1 1/4	50x40	300
2 x 1	63x32	175
2 x 1 1/4	63x40	175
2 x 1 1/2	63x50	175
2 1/2 x 1	75x32	125
2 1/2 x 1 1/4	75x40	125
2 1/2 x 1 1/2	75x50	125
2 1/2 x 2	75x63	125
3 x 2	90x63	100
3 x 2 1/2	90x75	100
4 x 2	110x63	48
4 x 2 1/2	110x75	48
4 x 3	110x90	48
4 x 4 1/2	110x125	35
5 x 2 1/2	140x75	54
5 x 3	140x90	54
5 x 4	140x110	54
6 x 2 1/2	160x75	32
6 x 3	160x90	32
6 x 4	160x110	32
6 x 5	160x140	30
8 x 4	200x110	15
8 x 6	200x160	15

### REDUCING THREADED TEE



Size (inch)	Size (mm)	Std. Pkg.
2 1/2 x 2	75x63	35
3 x 2 1/2	90x75	20

### REVERSE TEE



Size (inch)	Size (mm)	Std. Pkg.
2 1/2 x 2	63x75x63	50



# UPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE

**UPVC AGRICULTURE FITTINGS - HSN CODE - 3917**

## REPAIRING SERVICE SADDLE (FABRICATED) LENGTH 6"



Size (inch)	Size (mm)	Std. Pkg.
2	63	75
2½	75	50
3	90	40
4	110	25
5	140	20
6	160	20

## REDUCING TEE (PN6)



Size (inch)	Size (mm)	Std. Pkg.
2½ x 2	75x63	35
3 x 2	90x63	25
3 x 2½	90x75	25
4 x 2	110x63	18
4 x 2½	110x75	18
4 x 3	110x90	18

## REPAIRING SERVICE SADDLE (FABRICATED) LENGTH 12"



Size (inch)	Size (mm)	Std. Pkg.
2	63	40
2½	75	30
3	90	20
4	110	12
5	140	10
6	160	8

## REDUCING TEE (LW)



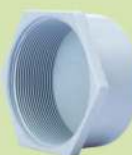
Size (inch)	Size (mm)	Std. Pkg.
2½ x 2	75x63	35
3 x 2	90x63	25
3 x 2½	90x75	25
4 x 2	110x63	18
4 x 2½	110x75	18
4 x 3	110x90	18

## REDUCING TEE



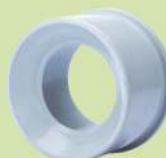
¾ x ½	25x20	500
1 x ½	32x20	300
1 x ¾	32x25	300
1¼ x ½	40x20	200
1¼ x ¾	40x25	200
1¼ x 1	40x32	200
1½ x ½	50x20	175
1½ x ¾	50x25	175
1½ x 1	50x32	150
1½ x 1¼	50x40	125
2 x ½	63x20	100
2 x ¾	63x25	90
2 x 1	63x32	90
2 x 1¼	63x40	90
2 x 1½	63x50	70
2½ x ½	75x20	50
2½ x ¾	75x25	50
2½ x 1	75x32	50
2½ x 1¼	75x40	50
2½ x 1½	75x50	50
5 x 3	140x90	12
5 x 4	140x110	12
6 x 3	160x90	8
6 x 4	160x110	8
6 x 5	160x140	7

## END CAP THREADED



½	20	500
¾	25	500
1	32	500
1¼	40	500
1½	50	250
2	63	250
2½	75	150
3	90	125
4	110	65

## REDUCING BUSH



¾ x ½	25x20	500
1 x ½	32x20	500
1 x ¾	32x25	500
1¼ x ¾	40x25	500
1¼ x 1	40x32	500
1½ x 1	50x32	500
1½ x 1¼	50x40	500
2 x 1	63x32	300
2 x 1¼	63x40	300
2 x 1½	63x50	300
2½ x 2	75x63	200
3 x 2	90x63	125
3 x 2½	90x75	125
4 x 2	110x63	75
4 x 2½	110x75	75
4 x 3	110x90	70

## REDUCING THREADED ELBOW



2½ x 2	75x63	50
3 x 2½	90x75	32

## REDUCING ELBOW PLAIN



¾ x ½	25x20	500
4 x 3	110x90	25

## UPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE

### UPVC AGRICULTURE FITTINGS - HSN CODE - 3917

#### REDUCING CROSS TEE



Size (inch)	Size (mm)	Std. Pkg.
1¼ X ½	40x20	200
1¼ X ¾	40x25	200
1¼ X 1	40x32	175
1½ X ½	50x20	175
1½ X ¾	50x25	150
1½ X 1	50x32	125
1½ X 1¼	50x40	100
2 X ½	63x20	100
2 X ¾	63x25	90
2 X 1	63x32	70
2 X 1¼	63x40	70
2 X 1½	63x50	60
2½ X ½	75x20	50
2½ X ¾	75x25	50
2½ X 1	75x32	50
2½ X 1¼	75x40	50
2½ X 1½	75x50	40

#### RMTA



¾ X ½	25x20	500
1 X ½	32x20	500
2½ X 2	75x63	125
3 X 2	90x63	90
3 X 2½	90x75	80

#### RFTA



¾ X ½	25x20	500
1 X ½	32x20	500
1 X ¾	32x25	500
2½ X 2	75x63	125
3 X 2	90x63	80
3 X 2½	90x75	80
4 X 3	110x90	40

#### BRASS ELBOW (PN16)



¾ X ½	25x20	50
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#### BRASS TEE (PN16)



¾ X ½	25x20	50
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#### BRASS FTA (PN16)



¾ X ½	25x20	50
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#### SERVICE SADDLE



Size (inch)	Size (mm)	Std. Pkg.
1¼ X ½	40x20	55
1¼ X ¾	40x25	55
1½ X ½	50x20	55
1½ X ¾	50x25	55
1½ X 1	50x32	55
2 X ½	63x20	35
2 X ¾	63x25	35
2 X 1	63x32	35
2½ X ½	75x20	35
2½ X ¾	75x25	35
2½ X 1	75x32	35
3 X ½	90x20	35
3 X ¾	90x25	35
3 X 1	90x32	35
4 X ½	110x20	25
4 X ¾	110x25	25
4 X 1	110x32	25
5 X ½	140x20	24
5 X ¾	140x25	24
5 X 1	140x32	24
6 X ½	160x20	24
6 X ¾	160x25	24
6 X 1	160x32	24

### SOLVENT CEMENT - HSN CODE - 3506

#### SOLVENT CEMENT TUBES



10ml.	240
25ml	200
50ml	90
100ml	50

#### BOTTLES



25ml	200
50ml	90
100ml	60
250ml	50
500ml	32
1 l/(L)	20
5 l/(L)	3

#### SOLVENT CEMENT TIN WITH BRUSH



50ml	100
100ml	60
250ml.	60
500ml.	24
1 l/(L)	16



# COLUMN PIPES FOR SUBMERSIBLE PUMPS

## STANDARDS & SPECIFICATIONS

Universal Standard

### SIZES

1"(25mm), 1¼"(32mm), 1½"(40mm), 2"(50mm), 2½"(65mm),  
3"(80mm), 4"(100mm)

**Class :** V4, ECO - MEDIUM, MEDIUM, MEDIUM PLUS, STANDARD,  
HEAVY, SUPER HEAVY

### COLOUR

Off White

### FEATURES AND BENEFITS

- ▶ Wire-lock System
- ▶ Bi Axial Oriented
- ▶ Water Tight Joints
- ▶ Unique Design
- ▶ High Tensile Strength
- ▶ Light in Weight
- ▶ No Rusting
- ▶ Longer Life

## ADVANTAGES

- ▶ Higher Izod-Impact strength even at low Temperature.
- ▶ Specially designed Buttress Threaded profile gives optimum Tensile Strength.
- ▶ No formation of Algae, fungal & Scaling.
- ▶ Anti - abrasion and Anti-corrosion gives long life.
- ▶ Smooth internal surface reduces energy consumption due to friction free water flow increasing the life of the pump.
- ▶ Light weight & easy for installation.
- ▶ PARAS uPVC Column pipes are most economical than GI Pipes & MS Pipes.
- ▶ 35% More Water than GI Pipes & MS Pipes.

## AREAS OF APPLICATIONS

Water rising pipe for submersible pump & jet pumps for irrigation.

Type of Pipe Size	Sub-Mersible Pump Pipes Pressure Capacity (in kg/cm <sup>2</sup> )								Class of Pipe	Printing Colour
	1" 25mm	1¼" 32mm	1½" 40mm	2" 50mm	2½" 65mm	3" 80mm	4" 100mm			
V4	12.5 kg	12.5 kg	12.5 kg	-	-	-	-	V4		
V4	15 kg	15 kg	15 kg	-	-	-	-	Eco-Medium		
Eco Medium Duty	-	-	-	10 kg	-	-	-	Medium		
Medium Duty	20 kg	18 kg	17 kg	18 kg	10 kg	11 kg	10 kg	Medium Plus		
Medium Plus Duty	-	-	-	22 kg	-	-	-	Standard		
Standard Duty	30 kg	27 kg	26 kg	28 kg	20 kg	17 kg	15 kg	Heavy		
Heavy Duty	-	-	-	32 kg	28 kg	26 kg	25 kg	Super Heavy		
Super Heavy	-	-	-	35 kg	-	-	-			

Type of Pipe Size	Sub-Mersible Pump Pipes Chain Pully Lifting Capacity (in kgs)							
	1" 25mm	1¼" 32mm	1½" 40mm	2" 50mm	2½" 65mm	3" 80mm	4" 100mm	
V4	500	600	700	-	-	-	-	
V4	700	1100	1250	-	-	-	-	
Eco Medium Duty	-	-	-	1300	-	-	-	
Medium Duty	770	1200	1300	1500	1900	2750	4100	
Medium Plus Duty	-	-	-	1800	-	-	-	
Standard Duty	1300	1500	1700	2200	2700	4000	5700	
Heavy Duty	-	-	-	2850	4200	5700	9500	
Super Heavy	-	-	-	3500	-	-	-	

**- Note -**  
Also Available Pipes  
Bell Types in Size -  
1", 1¼", 1½"

Available All Over India



## COLUMN PIPE - HSN CODE - 3917

Size (inch)	OD in MM	No. of Length in Bundle	Medium Duty Blue Screen Coupler Type	Medium Duty Plus (Maroon Screen) Coupler Type	Standard Duty (Red Screen) Coupler Type	Heavy Duty (Green Screen) Coupler Type	<b>New</b> Super Heavy (Pink Screen) Coupler Type	V4-15kg/cm <sup>2</sup> (Coupler Type) Black Screen	V4-12.5kg/cm <sup>2</sup> (Coupler Type) Black Screen	V4-12.5kg/cm <sup>2</sup> (Bell Type) Black Screen	V4-15kg/cm <sup>2</sup> (Bell Type) Black Screen
1	33	30									
1¼	42	25									
1½	48	20									
2	60	15									
2½	75	10									
3	88	5									
4	113	5									

# CASING PIPES

## STANDARDS & SPECIFICATIONS

IS 12818 : 2010 - Specification for uPVC Screen & Casing Pipes for Bore / Tubewell

## MATERIAL

uPVC Compound Meet the requirements of IS : 10148

## SIZES

Casing Medium (CM) - 35mm to 200mm

Casing Shallow (CS) - 150mm to 200mm

Medium Well Screen (RMS) - 100mm to 200mm

LENGTH - 3 m & 6 m

## COLOUR

Pipe Colour : Blue



NOMINAL DIAMETER			CASING PIPES	
Size (mm)	Size (inch)	Outside Diameter (mm)	MEDIUM CASING (CM)	SHALLOW CASING (CS)
			Wall Thickness (mm)	Wall Thickness (mm)
40	1½	48	3.5	-
50	2	60	4.0	-
80	3	88	4.0	-
100	4	113	5.0	-
125	5	140	6.5	-
150	6	165	7.5	5.7
175	7	200	8.8	7.0
200	8"	225	10.0	-

PARAS SCREEN (RIBBED) PIPES AS PER IS : 12818- 1992		
Size (mm)	Size (inch)	Price Per m in Rs.
40	1½	
50	2	
80	3	
100	4	

### Note :

- 1) CM (Medium Casing) Pipes suitable for wells with depths above 80 meters & upto 250 meters.  
CS (Shallow Casing) Pipes suitable for wells with depths upto 80 meters.
- 2) (A) Casing Pipes will be supplied in standard length of :  
6 Meters upto 80mm (3") Dia  
5 Meters upto 200mm (8") Dia  
(B) Casing can also be supplied in different lengths as per customer's requirements on special terms and prices.

# ROOF RAIN WATER HARVESTING SYSTEM

PVC Compound Grade Equivalent to PVC 1120 / 2120

## SIZES

Gutter Size - 180mm

## DIMENSION

Available length - 3m, 5m, 6m.



## FEATURES AND BENEFITS

- Long life
- High chemical corrosion resistance
- U.V. stabilized
- New concept metal toggle clamps
- Light in weight
- 100% Leak proof
- Easy to Install
- No maintenance



Easy Installation



Leak Proof



Corrosion & Deposition Free

## ADVANTAGES

- Roof rain water harvesting system is easy to construct, operate and maintain and can be installed quickly.
- The roof rain water harvesting is less expensive when compared with other rainwater harvesting system.
- Improves the quality of ground water through dilution when recharged to ground water.
- The rubber ring gasket jointing gives a cushioning to the system during change in climatic condition.
- No leakage, as no galvanic action & corrosion taking place.
- Light weight elegant in appearance, easy to transport, store, handle and install.

### ROOF RAIN WATER HARVESTING PIPE HSN CODE - 3917

#### HALF ROUND PIPE



Size (inch) 7

Size (mm) 180

3m MRP Rs. 609.00

5m MRP Rs. 1006.00

6m MRP Rs. 1210.00

### ROOF RAIN WATER HARVESTING FITTINGS - HSN CODE - 3917

#### COUPLER



Size (inch)	Size (mm)	Std. Pkg.
7	180	36

#### RUNNING OUTLET



Size (inch)	Size (mm)	Std. Pkg.
7	180	12

#### STOP END OUTLET



Size (inch)	Size (mm)	Std. Pkg.
7	180	15

#### ELBOW 90 (WITHOUT OUTLET)



Size (inch)	Size (mm)	Std. Pkg.
7	180	24

#### ELBOW 90 (WITH OUTLET 110MM)



Size (inch)	Size (mm)	Std. Pkg.
7	180	10

#### SHORT STOP END CAP



Size (inch)	Size (mm)	Std. Pkg.
7	180	50

#### PIPE SUPPORT BRACKET



Size (inch)	Size (mm)	Std. Pkg.
7	180	70

#### PLASTIC SUPPORT BRACKET (SPARE)



Size (inch)	Size (mm)	Std. Pkg.
7	180	-

#### ADJUSTABLE SIDE BRACKET (METAL)



Size (inch)	Size (mm)	Std. Pkg.
7	180	50

#### ADJUSTABLE TOP BRACKET (METAL)



Size (inch)	Size (mm)	Std. Pkg.
7	180	50

#### RUBBER GASKET (SPARE)



Size (inch)	Size (mm)	Std. Pkg.
7	180	-

#### METAL CLAMP (SPARE)



Size (inch)	Size (mm)	Std. Pkg.
7	180	-

# SOFT GARDEN TUBING PIPES

PARAS PVC soft garden tubing is a non-reinforced multipurpose low pressure tube which is available in transparent, translucent and opaque colour.

## SIZES

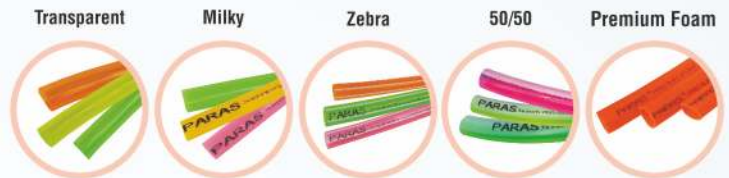
½ to 1½ inch

## TYPE

- Transparent
- Milky
- Zebra
- 50-50
- Premium Foam
- Aqua Foam

## COLOUR

Yellow, Parrot Green, Pink  
White, Orange, Mango, Blue



## GARDEN PIPES - HSN CODE - 3917

	Size (inch)	Size (pkg)
	½	10
	¾	10
	1	8
	1¼	-
	1½	-



# PARAS PVC SUCTION PIPES

PARAS PVC reinforced suction pipes are a challenge to the best of products in the industry. It has a rigid PVC spiral reinforcement between soft walls which makes it an ideal replacement to rubber pipes.

## SIZE

¾" to 4" inches

## COLOURS

Green | Gray

## FEATURES AND BENEFITS

- Strong
- Durable
- Flexible

## AREAS OF APPLICATION

- Suction of Water

Size (inch)	Std Pkg.	Length (In m.)
¾	5	30
1	5	30
1¼	3	30
1½	3	30
2	2	30
2½	1	30
3	1	30
4	1	30

# PVC BRAIDED PIPES

PARAS PVC braided pipes are produced using meticulously selected yarn, braided & fused between the inner & outer layers thus offering better resistance to withstand higher working pressures without the problem of bursting. A unique feature is its transparency which allows one to observe its internal functioning. It is resistant to several chemicals, alkalies, light acids & oils. It can withstand all climatic conditions thus proving a better choice than conventional rubber pipes. A wide range of PVC braided pipes are available for use in various fields.

## SIZES

5mm to 50mm

## FEATURES

- Strong
- Durable
- Flexible

## COLOURS

- Green
- Orange
- Transparent

## APPLICATION

- Air / Pneumatic
- Rock Drilling
- Car Wash
- Super Spray
- Welding
- Garden
- Industrial



## WATER / GARDEN PIPES (GREEN / ORANGE)

Size (mm)	Size (inch)	Std. Length (in m/Pkg)	W.P. (kg/cm <sup>2</sup> )
12	1/2	30/50/100	6
20	3/4	30/50/100	6
25	1	30/50/100	5

## PVC AIR PNEUMATIC PIPES (TRANSPARENT)

Size (mm)	Size (inch)	Std. Length (in m/Pkg)	W.P. (kg/cm <sup>2</sup> )
5	3/16	100x5	24
6	1/4	100x5	24
7	9/32	100x3	20
8	5/16	100x3	20
10	3/8	100x3	18
12	1/2	100x3	16
15	5/8	100x2	13
20	3/4	100x2	13
25	1	100x2	12
31	1 1/4	30/50x1	10
40	1 1/2	30/50x1	9
50	2	30/50x1	8

# HDPE PIPES

PARAS HDPE Pipe pressure pipe is made from high density polyethylene which is a crystalline resin or polymer known for its flexibility, toughness and chemical resistance. These features make HDPE pressure pipe well suited for those applications or industries requiring a pipe that is strong, durable, corrosion resistant and yet flexible enough to be assembled and installed in the most inaccessible and harsh environments.

## IS 4984 Specification for HDPE Pipe

### MATERIAL

HDPE Material of Grade PE 63, PE 80, PE 100

### SIZE

#### OD Pipe - ISI Mark

20 mm to 110 mm (½" to 4")

Class - PN 2.5 to PN 16 (2.5kg/cm<sup>2</sup> to 16kg/cm<sup>2</sup>)

#### ID Pipe

2", 2½" & 3"

Pressure Class - PN 4 & PN 6

### LENGTH

100 m to 1000 m in Coils.

### AREAS OF APPLICATIONS

Submersible Pump, Jet Pump, Waste Water disposal, Drinking water supply, Sewer rehabilitation Industrial Piping systems

### FEATURES AND BENEFITS

- Strong, Durable & Cost Effective
- UV Stabilized - Protection from Sun Rays
- Easy handling & Quick Installation by using coupler joint for both pipes.
- Smooth inner walls minimizes frictional losses.
- Excellent corrosion and chemical resistant.

### ADVANTAGES

- HDPE Pipe actually gains strength in lower temperature and will expand at higher temperatures to avoid breaking.
- HDPE pipes strength and flexibility allows the pipe to absorb vibrations and stress caused by soil movements.
- Performs well in rocky conditions.
- With its ability to be compressed or deformed without permanent damage, pipe has even withstood the destructive forces of earthquakes.

IS 4984



CM/L - 7823887



### PE OD PIPES

Size (mm)	Size (inch)	Coil Length in m.	PE - 63				PE - 80				PE - 100		
			4kg/cm <sup>2</sup>	6kg/cm <sup>2</sup>	8kg/cm <sup>2</sup>	10kg/cm <sup>2</sup>	4kg/cm <sup>2</sup>	6kg/cm <sup>2</sup>	8kg/cm <sup>2</sup>	10kg/cm <sup>2</sup>	6kg/cm <sup>2</sup>	8kg/cm <sup>2</sup>	10kg/cm <sup>2</sup>
20	½	500	-	-	-	30	-	-	-	-	-	-	-
25	¾	500	-	34	41	47	-	-	-	-	-	-	-
32	1	500	-	52	62	77	-	44	54	65	-	44	54
40	1¼	500	58	80	99	122	-	69	86	100	-	71	86
50	1½	500	86	125	152	191	73	106	132	161	90	108	134
63	2	100, 200	134	190	238	301	115	165	210	-	139	178	250
75	2½	100, 200	195	273	357	-	158	235	298	-	197	249	298
90	3	100	287	388	-	-	-	336	430	-	280	358	439
110	4	100	409	574	-	-	350	502	647	-	463	536	647

### PE ID PIPES

Size - ID (mm)	In inch	Coil Length in m
50	2	100, 200
63	2.5	100, 200
75	3	100

CERTIFIED BY





# CONDUIT PIPES & FITTINGS

## MATERIAL

Special Fire Extinguish HI-TECH Compound

## SIZES

16mm to 50mm

## CLASS

LMS - Light Mechanical Stress

MMS - Medium Mechanical Stress

HMS - Heavy Mechanical Stress

## LENGTH

3 m

## COLOUR

White & Black

## AREAS OF APPLICATIONS

Hospitals, Complexes, Commercial Building,

School, Colleges, Railway Station,

Residence & Industries.



## CONDUIT FITTINGS - HSN CODE - 3917

### JUNCTION BOX 1 WAY WITH LID (ISI)

	25mm	
	Packing	150


### JUNCTION BOX 2 WAY STRAIGHT (ISI) WITH LID

	25mm	
	Packing	150


### JUNCTION BOX 2 WAY 90° (ISI) WITH LID

	25mm	
	Packing	150

### JUNCTION BOX 3 WAY (ISI) WITH LID

	25mm	
	Packing	150

### JUNCTION BOX 4 WAY (ISI) WITH LID

	25mm	
	Packing	150


### DEEP JUNCTION BOX 1 WAY WITH LID (ISI)

	25mm	
	Packing	80


### DEEP JUNCTION BOX 2 WAY STRAIGHT (ISI) WITH LID

	25mm	
	Packing	80

### DEEP JUNCTION BOX 2 WAY 90° (ISI) WITH LID

	25mm	
	Packing	80

### DEEP JUNCTION BOX 3 WAY (ISI) WITH LID

	25mm	
	Packing	80

### DEEP JUNCTION BOX 4 WAY (ISI) WITH LID

	25mm	
	Packing	80

## CONDUIT PIPE - HSN CODE - 3917

### CONDUIT PIPE - IS 9537

Type	20mm	25mm
	Packing	Packing
Conduit Pipe - LMS	50	50
Conduit Pipe - MMS	50	50
Conduit Pipe - HMS	50	50


### ELBOW

	25mm	
	Packing	500

### TEE

	25mm	
	Packing	400

### COUPLER

	25mm	
	Packing	900

### JUNCTION BOX LID (WITH SCREW)

	25mm	
	Packing	125

### LONG BEND (FABRICATED)

	20mm	25mm
	Packing	Packing
	400	200

# DRIP IRRIGATION SYSTEM

India is an agrarian country. Water management is of critical importance to Indian agriculture. While the irrigated area in the country has almost doubled since independence it is believed that the irrigated area can not exceed 50% of the cultivable area with the conventional methods of irrigation even if the irrigation potential is fully utilized. To address this judicious and improved methods / technologies for harnessing maximum benefits from available water resources to enhance crop productivity without affecting soil health. After detailed study of inter-relationship among soil, water, crop, land terrain and agro climatic conditions. Paras design a suitable and economically viable system to deliver a measured quantity of water at the root zone of each plant at regular intervals, to ensure that the plants do not suffer from over or under watering. The system installed at the farmers field is commissioned and later training is imparted to the farmer, followed by regular service support. Through the continuous development efforts, PARAS made the drip irrigation system to suit all type of soils, crops and agro climatic conditions.

## STANDARDS & SPECIFICATIONS

IS 13488 : 2008

Specification for Emitting (Inline) Pipes

IS 13487 : 1992

Specification for Emitters (Online Drippers)

IS 12786 : 1989

Specification for Lateral Pipe (Online)

## MATERIAL

PE 25 Food Grade meeting the requirement IS : 10146

## SIZE INLINE

- 12mm : Class - 2, 2 LPH, 4 LPH
- 16mm : Class - 2, 2 LPH, 4 LPH
- 20mm : Class - 1, Class - 2, 2 LPH, 4 LPH

## SPACING

30cm, 40cm, 50cm, 60cm, 75cm, 90cm, 120cm,  
150cm, 180cm, 200cm

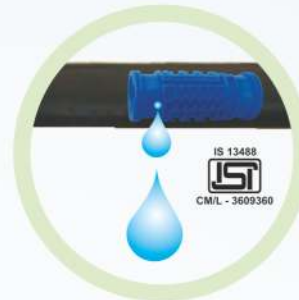
Category : B, Unregulated.

## ONLINE EMITTERS

4 LPH , 8 LPH & 14 LPH

Category : A, Unregulated, Laminar Flow,  
NPC (Non Pressure Compensating)

Inline



Inline Flat Drip

Online



Online Dripper

## COLOUR MODE

4 LPH - Black / 8 LPH - Blue / 14 LPH - Green

## ADVANTAGES

- Saves water upto 70%. More land can be irrigated with the water thus saved.
- Has recorded increases in yield upto 210%
- Crop grows consistently, healthier and matures fast.
- Early maturity results in higher and faster returns on investment.
- Fertilizer use efficiency increases upto 30%
- Cost of fertilizers, inter - culturing and labour use gets reduced.
- Fertilizer and Chemical Treatment can be given through Drip System itself.
- Undulating terrains, Saline, water logged, Sandy & Hilly lands can also be brought under productive cultivation.

## ACCESSORIES

- Plastic Disc / Screen Filter
- Sand Media Filter
- Metal Disc / Screen Filter
- Hydrocyclone Filter
- Fertilizer Tank
- Ventury Injector
- Other Valves & Gauges
- Control Valves
- Drip Poly Fittings

# SPRINKLER IRRIGATION SYSTEM

PARAS Sprinkler System is unique irrigation system. It can also be called as an artificial rainfall. Water is pumped through a network of pipes to cover the required field area. Then with the spray heads and nozzles, water is sprayed into the air so that it breaks up into small water drops which fall on to the ground and irrigates the entire soil surface.

PARAS Sprinkler System is designed to ensure maximum water saving along with affordability and easy installation. All the products are made out of high strength & chemical resistant engineering plastics to achieve functional satisfaction and to maintain cost economics. All products not only conform to the best quality in our established labs but also are tested in the fields to ensure uniform water distribution for healthier crop keeping conservation of water in mind.



## STANDARDS & SPECIFICATIONS

IS 14151 (Part - 2)

Specification for Sprinkler Pipes.

## MATERIAL

HDPE Material of grade PE 63 and as per IS : 7328

## SIZES

63mm Class - 2 (3.2kg/cm<sup>2</sup>)

75mm Class - 1 (2.5kg/cm<sup>2</sup>), 75mm Class - 2 (3.2kg/cm<sup>2</sup>)

90mm Class - 1 (2.5kg/cm<sup>2</sup>), 90mm Class - 2 (3.2kg/cm<sup>2</sup>)

110mm Class - 1 (2.5kg/cm<sup>2</sup>), 110mm Class - 2 (3.2kg/cm<sup>2</sup>)

## TYPE

Regular Fusion Welded

C Type Fusion Welded

Regular Butt Welded

C Type Butt Welded

## STANDARDS & SPECIFICATIONS

### LENGTH

6 m excluding coupler

### ACCESSORIES

- ✦ Sprinkler Metal Nozzle
- ✦ Coupled Tee
- ✦ Coupled Bend
- ✦ Foot Batten
- ✦ Shaddle
- ✦ PCN
- ✦ End Cap
- ✦ Riser Pipe
- ✦ Adaptor
- ✦ Rubber Ring
- ✦ Latch Clamp
- ✦ C Type Clamp



## AREAS OF APPLICATIONS

### FIELD CROPS :

- ✦ Wheat ✦ Gram ✦ Pulses ✦ Vegetables ✦ Cotton
- ✦ Soya Bean ✦ Tea ✦ Coffee and other fodder crops.

### OTHER APPLICATIONS :

- ✦ Residential ✦ Industrial ✦ Hotel ✦ Resorts ✦ Public
- ✦ Government Enterprises ✦ Golf links ✦ Race Courses

# PARAS MIRACLE PLASTIC MOULDED ARTICLES

## OUR IDENTITY

Belong to the prestigious Paras Group...  
 manufacturing the widest & astonishing range of  
 Plastic Moulded Articles.

## LARGEST PRODUCT RANGE.....275 + PRODUCTS

- ✦ Round Crates (Ghamelas, Tagari, Tasla) -175mm to 558mm - 47 varieties.
- ✦ Round / Rectangular Jalli Crates - 8 varieties.
- ✦ Buckets - 3.5 litre to 25 litre (Plastic handles and with & without Lids) - 29 varieties.
- ✦ Drums 22 litre, 25 litre, 40 litre & 80 litre - 4 varieties.
- ✦ Double Layer Multi-utility Milk Cans without Bottom Rings - 10 varieties.
- ✦ Sup for cleaning food grains (Square & Round shape) - 3 varieties.
- ✦ Lota (with & without Lid, different shapes) - 5 varieties.
- ✦ Mugs (600ml to 1500ml with open & closed handle) - 9 varieties.
- ✦ Water Jugs with Lids - 2 varieties.
- ✦ Tubs with & without handle from 10 litre to 100 litre, different shapes - 23 varieties.
- ✦ Dust Bins 7 litre to 80 litre (Plain Lid, Swing Lid & Pedal operated type) - 10 varieties.
- ✦ Dust Pans - 3 varieties.
- ✦ Soap Trays - 4 varieties.
- ✦ Multi-Purpose stand (for tooth brush, paste, spoons, pens, pencils) - 1 variety.
- ✦ Gas Cylinder Trolley & multi-utility trollies - 7 varieties.



Colours Available



Colours Available



Colours Available



Colours Available



Colours Available



# PARAS MIRACLE PLASTIC MOULDED ARTICLES

**NON-CORROSIVE  
PRODUCT..**



- ✦ Double layer Water Pot & Jhari for garden watering - 5 varieties.
- ✦ Multi-Purpose Tray - 4 varieties.
- ✦ Planters (hanging planter & planter with base plate 2.5 litre to 22 litre) - 6 varieties.
- ✦ Jaggery mould for producing 250gms to 1kg (also used as Multi-utility pots - 8 varieties).
- ✦ Chattai / Mat 4 x 6, 5 x 7, 6 x 9 & 1.5 x 10 feet - 4 varieties.
- ✦ Chairs (Baby, Corporate, Legend, Web Armless, Medium Back, Armless & Premium.. 3 designs & 4 colours each) - 36 varieties.
- ✦ Multi-utility stools different shapes & sizes - 11 varieties.
- ✦ Designer Bathroom Set - 2 varieties.
- ✦ Drainage / Chamber Covers 10"x10", 12"x12", 18"x18" & 16"x22" - 4 varieties.
- ✦ Roti Tray, Chopper board, Broom, Money Bank (Kalash), Laundry Basket, Industrial Helmet.



**MILK CAN  
RANGE**

#### FEATURES

- ✦ Manufactured from Virgin Raw Material.
- ✦ Enormous strength in its original shape & form... Popularly known as Unbreakable.
- ✦ Available in attractive colours
- ✦ Light weight as compared to conventional metallic articles.
- ✦ Non-Corrosive....accident safe.
- ✦ Easy to clean, handle & Store...User friendly
- ✦ Suitable for food contact applications
- ✦ Bigger size crates provided with leather finish columns for better gripping
- ✦ Crates with Rings at bottom for better life
- ✦ All Buckets with 4 way locking & plastic handles.
- ✦ Cans & Water Pots with double layer (Inner white layer suitable for food contact)
- ✦ Cans available with & without bottom Rings & either Rope or Metal handles.



**DUSTBIN  
RANGE**

#### APPLICATIONS

- ✦ Material Handling in Agro & Engineering Industries.
- ✦ Household applications
- ✦ Brick Kilns
- ✦ Gardening & Nurseries
- ✦ Green House
- ✦ Milk & Dairy Industries cattle feed
- ✦ Construction & allied Industries
- ✦ Institutions like Hotels, Hospitals, Marriage Halls,
- ✦ Municipal Corporations, Co-operative Societies



# PARAS MIRACLE CLEANING PRODUCTS RANGE

Keeping in view that cleanliness is the only way for a healthy and better tomorrow, Paras Miracle takes pride in introducing cleaning range designed to suit all users. All products manufactured in - house with latest technology. Paras offers multiple choice in brush range / wipers range / mops range / brooms range / scrubbers range and other cleaning products.

## Why Paras

- All products manufactured in house.
- 100% virgin raw material.
- Unique design which makes it not only user friendly but also has technical edge over others.
- Always reliable, durable, strong & dependable
- Products designed to suit end user needs.
- Focused on continuous improvement & new product range.

## AREAS OF APPLICATIONS

Hospitals, Commercial Building,  
 Residence & Industries

## ADVANTAGES

- User friendly
- Durable & Reliable
- Attractive & ergonomic design
- Competitive Rates

## EXCLUSIVE RANGE OF BRUSHES, BROOMS MOPS, WIPERS & SCRUBBERS



**CLEAN HOMES. CLEAN EARTH.**

# Total Solutions Under One Roof



**PARAS**  
Water Tank

**PARAS**  
Roof Rain Water  
Harvesting System

**PARAS**  
uPVC Plumbing  
System

Touch of Excellence  
**PARAS**  
Miracle  
Cleaning  
Products

**PARAS**  
SWR Drainage  
System

**PARAS**  
CPVC Plumbing  
System

**PARAS**  
Drip & Sprinkler  
Irrigation System

**PARAS**  
Garden Pipe

Touch of Excellence  
**PARAS**  
Miracle  
Plastic Moulded  
Articles

**PARAS**  
Column Pipe for  
Submersible Pump

**PARAS**  
Eco Drain System

**PARAS**  
PVC Pipe & Fittings



Nirmal Creations : 98900 18888



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